

#### ABSTRACT OF THE DISCLOSURE

An inflatable cuff for use with a trocar inserted within an abdominal cavity. The trocar exhibits a hollowed interior and includes an upper funnel portion and an interconnecting and downwardly extending sleeve portion. The  
5 cuff exhibits a flexible and inflatable annular shape and is constructed of a fluid-tight material. The cuff secures in an initially deflated condition at a location about the sleeve portion of the trocar. A fluid line extends through a port in the trocar and to a location along the cuff, the cuff being inflated after  
10 insertion of the sleeve within a patient's abdominal cavity to maintain a sealed condition within the abdominal cavity.